



Crop Weather Report

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For the Week Ending:
June 10, 2007

Weather Summary

Montana experienced moderate to heavy precipitation last week. Dillon, Bozeman, and Belgrade all broke their daily precipitation records on June 6 by receiving 1.62, 1.03, and 0.89 inches, respectively. Sheridan had 1.57 inches of rain on June 7, setting a new daily rainfall record. Ekalaka received the most moisture for the week with a total of 2.88 inches. Superior and West Yellowstone had the extreme temperatures again this week at 94 degrees and 25 degrees, respectively. Topsoil moisture adequate and surplus is 84 percent, down from last week's 88 percent but ahead of last year and the five-year average. Subsoil moisture adequate and surplus, at 77 percent, is down from last week's 79 percent but is well ahead of last year and the five-year average. The number of days suitable for fieldwork was 4.3 days, up from last week's 3.0 days.

The weather outlook for June 18th through June 24th is for above normal temperatures and below normal precipitation both east and west of the continental divide. Normal temperatures for this period in the state are highs in the upper 60s to the upper 70s and lows in the mid 30s to the lower 50s.

Field Crops Report

Additional moisture and lack of sunshine has affected spring crop conditions in many areas. Some fields have water standing in them. Hay harvest has started in some areas. Most crops are close to reaching full emergence. Winter wheat is 43 percent headed.

| Crop Condition Table | This Week | Last Week | Last Year | 5 Yr Avg |
|----------------------|-----------|-----------|-----------|----------|
| Winter Wheat | | | | |
| Very Poor | 0 | 0 | 1 | 5 |
| Poor | 2 | 3 | 10 | 14 |
| Fair | 20 | 20 | 37 | 33 |
| Good | 44 | 44 | 33 | 34 |
| Excellent | 34 | 33 | 19 | 14 |
| Barley | | | | |
| Very Poor | 0 | 0 | 0 | 0 |
| Poor | 5 | 2 | 3 | 2 |
| Fair | 27 | 23 | 29 | 28 |
| Good | 44 | 55 | 53 | 56 |
| Excellent | 24 | 20 | 15 | 14 |
| Oats | | | | |
| Very Poor | 0 | 0 | 1 | 1 |
| Poor | 2 | 1 | 4 | 4 |
| Fair | 14 | 9 | 30 | 29 |
| Good | 57 | 73 | 56 | 55 |
| Excellent | 27 | 17 | 9 | 11 |
| Spring Wheat | | | | |
| Very Poor | 1 | 0 | 0 | 1 |
| Poor | 6 | 2 | 3 | 3 |
| Fair | 22 | 15 | 28 | 29 |
| Good | 44 | 64 | 60 | 59 |
| Excellent | 27 | 19 | 9 | 8 |
| Durum Wheat | | | | |
| Very Poor | 1 | 1 | 1 | 1 |
| Poor | 1 | 8 | 5 | 6 |
| Fair | 17 | 16 | 26 | 22 |
| Good | 61 | 57 | 62 | 58 |
| Excellent | 20 | 18 | 6 | 13 |

| Soil Moisture & Fieldwork Table | This Week | Last Week | Last Year | 5 Yr Avg |
|------------------------------------|-----------|-----------|-----------|----------|
| Topsoil Moisture | | | | |
| Very Short | 2 | 0 | 4 | 6 |
| Short | 14 | 12 | 21 | 17 |
| Adequate | 65 | 71 | 63 | 67 |
| Surplus | 19 | 17 | 12 | 10 |
| Subsoil Moisture | | | | |
| Very Short | 3 | 1 | 8 | 20 |
| Short | 20 | 20 | 32 | 30 |
| Adequate | 64 | 70 | 57 | 48 |
| Surplus | 13 | 9 | 3 | 2 |
| Days Suitable for Fieldwork | | | | |
| Days | 4.3 | 3.0 | 4.8 | 4.1 |

According to the NRCS on June 1, remaining snowpack statewide was 40 percent of average and 60 percent of last year. Snowpack west of the continental divide was 56 percent of average and 72 percent of last year, and snowpack east of the divide was 32 percent of average and 64 percent of last year. Most rivers and streams have reached their primary snowmelt peaks.

Livestock Report

Range and pasture feed condition good and excellent is 69 percent, down slightly from last week's 71 percent but ahead of last year and the five-year average of 65 percent and 46 percent, respectively.

| Livestock Table | This Week | Last Week | Last Year | 5 Yr Avg |
|---|-----------|-----------|-----------|----------|
| Moved to Summer Ranges | | | | |
| Cattle & Calves | 91 | 82 | 94 | 85 |
| Sheep & Lambs | 85 | 79 | 90 | 82 |
| Range and Pasture Feed Condition | | | | |
| Very Poor | 1 | 0 | 3 | 9 |
| Poor | 5 | 5 | 7 | 14 |
| Fair | 25 | 24 | 25 | 31 |
| Good | 36 | 43 | 44 | 35 |
| Excellent | 33 | 28 | 21 | 11 |

| Crop Progress Table | This Week | Last Week | Last Year | 5 Yr Avg |
|--------------------------|-----------|-----------|-----------|----------|
| Planted | | | | |
| Durum Wheat | 93 | 88 | 97 | 92 |
| Emerged | | | | |
| Durum Wheat | 82 | 69 | 90 | 74 |
| Oats | 97 | 90 | 98 | 91 |
| Dry Peas | 100 | 88 | 98 | n/a |
| Lentils | 100 | 87 | 96 | n/a |
| Corn | 95 | 87 | 93 | 90 |
| Boot Stage | | | | |
| Winter Wheat | 84 | 66 | 91 | 67 |
| Barley | 25 | 4 | 10 | 9 |
| Oats | 18 | 5 | n/a | n/a |
| Spring Wheat | 10 | 2 | 11 | 9 |
| Durum Wheat | 9 | 0 | n/a | n/a |
| Headed | | | | |
| Winter Wheat | 43 | 4 | 61 | 26 |
| Blooming | | | | |
| Dry Peas | 5 | 0 | n/a | n/a |
| Lentils | 3 | 0 | n/a | n/a |
| Hay First Cutting | | | | |
| Alfalfa | 3 | n/a | 9 | n/a |
| All Other | 1 | n/a | 3 | n/a |

| Station ID | | | | | | Precipitation | | | | | | | |
|-----------------|-------------|-----|-----|------|-----|---------------|-------|-----------------|-------|------|-------------------|-------|------|
| | Temperature | | | GDDs | | This Week | | April 1 to Date | | | October 1 to Date | | |
| | Hi | LOW | AVG | B50 | DFN | Total | DFN | Total | DFN | %NRM | Total | DFN | %NRM |
| NORTHWEST | | | | | | | | | | | | | |
| Alberton | 92 | 40 | 60 | 75 | +20 | 1.24 | +0.76 | 3.39 | -0.04 | 99 | 14.00 | +4.86 | 153 |
| Anaconda | 81 | 33 | 52 | 26 | -4 | 0.97 | +0.40 | 6.57 | +2.02 | 144 | 12.69 | +3.85 | 144 |
| Clinton | 86 | 40 | 59 | 68 | +13 | 0.96 | +0.48 | 5.52 | +2.09 | 161 | 14.24 | +5.10 | 156 |
| Corvallis | 86 | 39 | 58 | 61 | +6 | 0.59 | +0.17 | 3.54 | +0.30 | 109 | 6.38 | -2.59 | 71 |
| Creston | 87 | 42 | 58 | 57 | +7 | 0.17 | -0.53 | 4.52 | -0.33 | 93 | 9.17 | -3.93 | 70 |
| Deer Lodge | 81 | 35 | 54 | 42 | +12 | 1.41 | +0.98 | 5.60 | +2.39 | 174 | 8.86 | +2.78 | 146 |
| Drummond | 86 | 34 | 53 | 32 | -19 | 1.33 | +0.84 | 5.39 | +1.79 | 150 | 9.13 | +0.67 | 108 |
| Hamilton | 85 | 40 | 58 | 64 | +9 | 0.71 | +0.29 | 3.87 | +0.63 | 119 | 7.85 | -1.12 | 88 |
| Kalispell | 88 | 39 | 61 | 75 | +31 | 0.34 | -0.22 | 3.85 | +0.09 | 102 | 9.75 | -1.56 | 86 |
| Missoula | 91 | 40 | 61 | 80 | +25 | 0.67 | +0.19 | 3.37 | -0.06 | 98 | 8.87 | -0.27 | 97 |
| Olney | 87 | 35 | 57 | 54 | +13 | 0.30 | -0.39 | 2.53 | -1.98 | 56 | 14.23 | -2.63 | 84 |
| Polson | 86 | 43 | 59 | 66 | +4 | 0.82 | +0.20 | 6.44 | +2.06 | 147 | 11.29 | +0.30 | 103 |
| St Ignatius | 88 | 43 | 60 | 72 | +9 | 0.89 | +0.26 | 5.04 | +0.31 | 107 | 10.39 | -0.58 | 95 |
| Seeley Lake | 84 | 38 | 58 | 60 | +23 | 0.70 | +0.14 | 3.48 | -0.57 | 86 | 14.02 | -2.32 | 86 |
| Sula | 81 | 35 | 54 | 38 | +6 | 1.18 | +0.62 | 7.07 | +2.52 | 155 | 12.45 | +1.61 | 115 |
| Superior | 94 | 39 | 61 | 83 | +17 | 1.63 | +1.14 | 4.23 | +0.71 | 120 | 14.04 | +1.95 | 116 |
| Swan Lake | 88 | 41 | 58 | 63 | +22 | 2.18 | +1.48 | 6.67 | +1.57 | 131 | 22.42 | +1.26 | 106 |
| Thompson Falls | 90 | 43 | 59 | 67 | -4 | 1.07 | +0.54 | 4.91 | +0.62 | 114 | 22.44 | +4.34 | 124 |
| West Glacier | 87 | 41 | 59 | 69 | +23 | 0.87 | +0.10 | 4.88 | -0.55 | 90 | 21.73 | +0.46 | 102 |
| NORTH CENTRAL | | | | | | | | | | | | | |
| Chester | 83 | 42 | 62 | 87 | +20 | 0.62 | +0.09 | 4.00 | +0.71 | 122 | 7.74 | +2.04 | 136 |
| Chinook | 84 | 43 | 63 | 95 | +12 | 0.59 | +0.10 | 6.03 | +2.07 | 152 | 9.82 | +3.12 | 147 |
| Choteau | 80 | 39 | 60 | 69 | +5 | 0.21 | -0.35 | 3.30 | -0.29 | 92 | 5.01 | -0.55 | 90 |
| Cut Bank | 83 | 41 | 62 | 83 | +35 | 0.05 | -0.58 | 0.71 | -3.21 | 18 | 1.19 | -5.06 | 19 |
| Ft Assinniboine | 85 | 42 | 64 | 97 | +13 | 1.30 | +0.81 | 5.19 | +1.48 | 140 | 8.70 | +1.97 | 129 |
| Fort Benton | 84 | 43 | 63 | 91 | +11 | 0.86 | +0.23 | 5.30 | +0.68 | 115 | 9.63 | +0.89 | 110 |
| Goldbutte | 78 | 40 | 59 | 63 | +7 | 0.55 | -0.12 | 4.94 | +0.81 | 120 | 9.06 | +2.18 | 132 |
| Harlem | 82 | 43 | 63 | 92 | +11 | 0.39 | -0.09 | 6.43 | +3.01 | 188 | 9.44 | +3.41 | 157 |
| Havre | 85 | 43 | 64 | 100 | +21 | 0.63 | +0.21 | 5.13 | +1.93 | 160 | 8.52 | +2.33 | 138 |
| Malta | 83 | 47 | 65 | 107 | +35 | 0.79 | +0.21 | 6.37 | +2.44 | 162 | 9.15 | +2.59 | 139 |
| Rudyard | 81 | 42 | 61 | 81 | -4 | 0.49 | -0.13 | 5.28 | +0.62 | 113 | 8.59 | +0.55 | 107 |
| Shelby | 85 | 39 | 60 | 71 | +13 | 0.17 | -0.46 | 3.02 | -0.95 | 76 | 6.42 | +0.08 | 101 |
| Turner | 82 | 44 | 62 | 89 | +17 | 0.16 | -0.42 | 4.30 | +0.37 | 109 | 6.13 | -0.43 | 93 |
| Valier | 82 | 42 | 60 | 73 | +15 | 0.32 | -0.31 | 3.08 | -0.89 | 78 | 5.02 | -1.32 | 79 |
| NORTHEAST | | | | | | | | | | | | | |
| Bredette | 81 | 42 | 61 | 82 | +0 | | | | | | | | |

Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days